

ABSTRACT

Methods apparatus and computer programs products for creating a
5 multimedia presentation having video frames and video segments with
synchronized audio are disclosed. Audio-video data is separated into an
audio stream and the video sequence. The video sequence is divided into
video segments, with each video segment comprising a group of frames. For
each video segment an audio significance measure is calculated using the
10 audio stream. Using the audio significance measure, the video segment is
selected in its entirety or, alternatively, one or more slide frames are extracted
from the corresponding group of frames. The selection of video segments or
slide frames can also be performed on the basis of an additional video
significance measure. The audio stream and selected video segment and
15 slide frames are synchronized, then synchronously reproduced as the
multimedia presentation.

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